

What is claimed is:

1. An air hypocaust structure for cooling and/or heating,
which transfers heat according to a conduction, a convection,
5 and a radiation mechanism by a cold or a hot air current
circulating in the air hypocaust structure, comprising:

an upper plate integrally provided with a plurality of
support legs each having a hole at an end thereof; and

a base plate assembled with another base plate, and
10 integrally provided along an edge thereof with a plurality of
projections each having a sharp tip and positioned at regular
intervals to be correspond to the support legs of the upper
plate.

15 2. The air hypocaust structure as set forth in claim 1,
further comprising a plurality of protrusion parts formed on an
upper side of the upper plate at regular intervals to
correspond in position to the support legs, and a plurality of
recess parts formed on a lower side of the upper plate at
20 regular intervals to correspond in position to the protrusion
parts.

3. The air hypocaust structure as set forth in claim 2,
further comprising a plurality of guide plates integrally
25 formed with the lower side of the upper plate to be correspond

in position to the recess parts.

4. The air hypocaust structure as set forth in claim 1,
wherein upper ends of a plurality of guide plates are fixed
5 into a plurality of recess parts of the lower side of the upper
plate, and a flow direction of the cold or hot air current is
changed by the guide plates.

5. The air hypocaust structure as set forth in claim 3 or
10 4, wherein a base is integrally formed with a lower end of each
of the guide plates, and comes into contact with an upper side
of a base plate to support the guide plates between the upper
plate and the base plate.